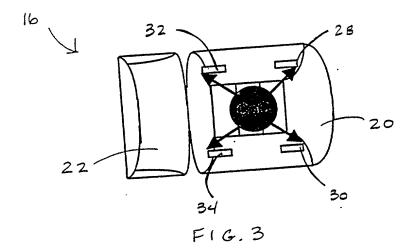
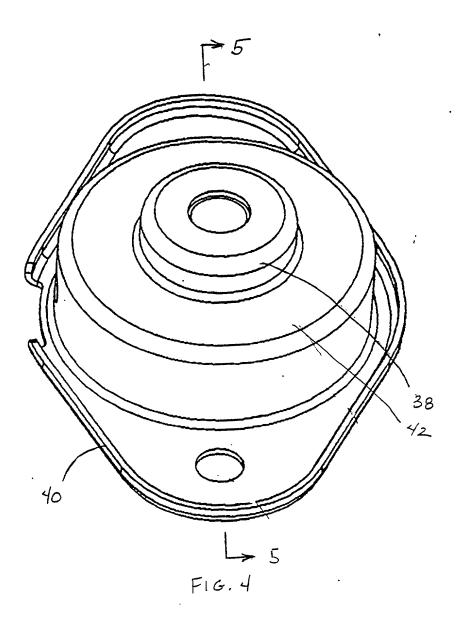
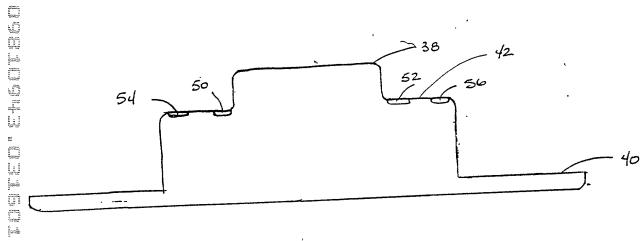


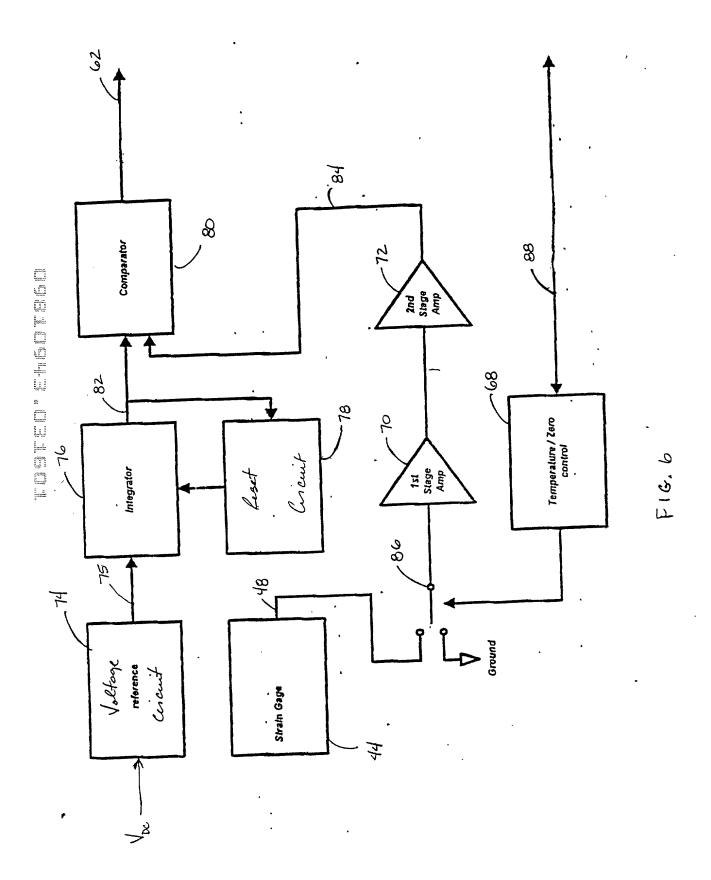
FIG. 2

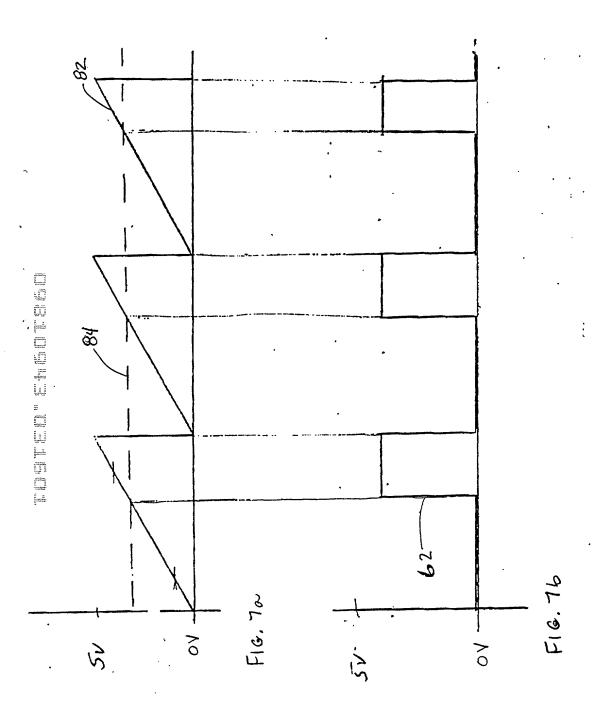






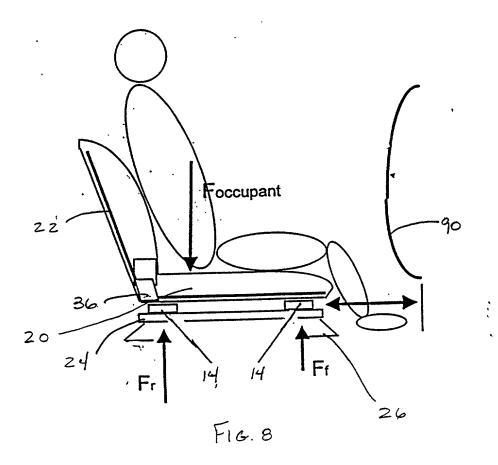
F16.5

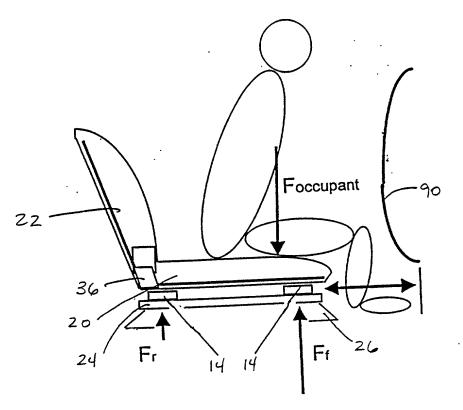




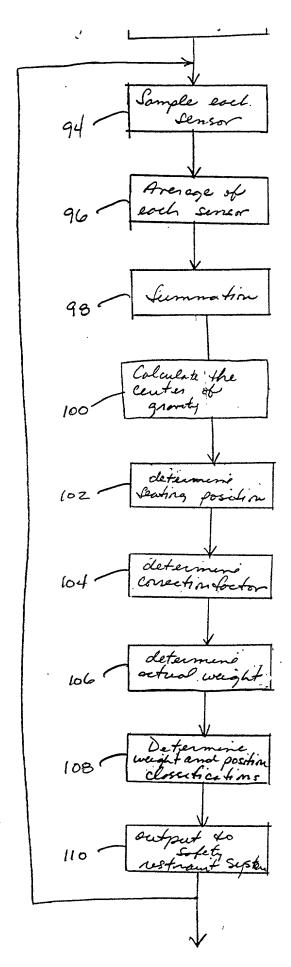
...

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F16.9



F1G. 10

-50

Displacement During Pre-Braking and Crash 30 -0.2 20 Pre-Crash Braking -0.4 10 0 Time (sec) Acceleration (g) -20 -1.2 Acceleration -30 WCS Displacement -1.6 -40

F1G. 11